Appl. No. 10/800,438
Amdt. dated March 6, 2006
Reply to Office action of December 5, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A multiple electrode assembly for bioelectric monitoring comprising:

a body having a top surface, a bottom surface, ~~and~~ a middle, and four corners;

a plurality of insertion holes in said body wherein said body comprises a plurality of holes therein to comprise said insertion holes, said insertion holes being placed in said body in pairs, each of said four corners having one pair and said middle having one pair;

a plurality of lead attachments inserted through said insertion holes; and

a skin attachment attached to said bottom surface of said body.

2. (currently amended) The multiple electrode assembly as defined in Claim 1, wherein said body is selected from the group consisting of plastic, rubber, ~~or~~ and fabric.

3. (currently amended) The multiple electrode assembly as defined in Claim 1, wherein said lead attachments are selected from the group consisting of steel, copper, aluminum, ~~or~~ and metal-coated plastic.

4. (original) The multiple electrode assembly as defined in Claim 1, wherein said skin attachment is an electrically conductive adhesive.

5. (original) The multiple electrode assembly as defined in Claim 1, further comprising a peel-off backing with a side removably attached to said bottom surface of said body.

6. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 1, further comprising an electrical isolation perforation wherein said middle of said body comprises a perforation therein to comprise said bisecting perforation.

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7. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 1, further comprising an electrical isolation slit wherein said middle of said body comprises a slit therein to comprise said bisecting slit.

8. (currently amended) The ~~peel-off backing~~ multiple electrode assembly as defined in Claim 5, further comprising a peel tab attached to said side of said peel-off backing.

9. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 1, wherein said body is circular in shape.

10. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 1, wherein said body is rectangular in shape.

11. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 1, wherein said body is bone-shaped.

12. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 1, wherein said body is shaped like two squares with one corner of each overlapping.

13. (currently amended) The ~~lead attachments~~ multiple electrode assembly as defined in Claim 1, wherein said lead attachments are nipple shaped.

14. (currently amended) The ~~lead attachments~~ multiple electrode assembly as defined in Claim 1, wherein said lead attachments each comprise:

a lead insertion;

a wire with opposite ends with one end attached to said lead insertion; and

a lead connector attached to said opposite end of said wire.

15. (currently amended) A multiple electrode assembly for bioelectric monitoring comprising:

a body having a top surface, a bottom surface, ~~and~~ a middle, and four corners;

a plurality of insertion holes in said body wherein said body comprises a plurality of holes therein to comprise said insertion holes, said insertion holes being placed in said body in pairs, each of said four corners having one pair and said middle having one pair;

a plurality of lead attachments inserted through said insertion holes;

an electrically conductive adhesive attached to said bottom surface of said body; and

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a peel-off backing with a side removably attached to said bottom surface of said body.

16. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 15, further comprising an electrical isolation perforation wherein said middle of said body comprises a perforation therein to comprise said bisecting perforation.

17. (currently amended) The ~~body~~ multiple electrode assembly as defined in Claim 16, further comprising an electrical isolation slit wherein said middle of said body comprises a slit therein to comprise said bisecting slit.

18. (currently amended) The ~~peel-off backing~~ multiple electrode assembly as defined in Claim 15, further comprising a peel tab attached to said side of said peel-off backing.

19. (currently amended) The ~~lead attachments~~ multiple electrode assembly as defined in Claim 15, wherein said lead attachments each comprise:

a lead insertion;

a wire with opposite ends with one end attached to said lead insertion; and

a lead connector attached to said opposite end of said wire.

20. (original) A multiple electrode assembly for bioelectric monitoring comprising:

a body having a top surface, a bottom surface, and a middle;

a plurality of insertion holes in said body wherein said body comprises a plurality of holes therein to comprise said insertion holes;

a plurality of lead insertions inserted through said insertion holes;

a plurality of wires with opposite ends with one end attached to said lead insertions;

a plurality of lead connectors attached to said opposite ends of said wires;

an electrically conductive adhesive attached to said bottom surface of said body; and

a peel-off backing with a side removably attached to said bottom surface of said body.